

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="display: flex; justify-content: space-between;"><div>1</div><div>12</div></div>	
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">0004</div>		3. EFFECTIVE DATE <div style="text-align: center;">16-Dec-2004</div>		4. REQUISITION/PURCHASE REQ. NO. <div style="text-align: center;">W16ROE-4302-4908</div>		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN:CENAN-CT ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278		CODE <div style="text-align: center;">W912DS</div>		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X 9A. AMENDMENT OF SOLICITATION NO. W912DS-05-B-0002			
				X 9B. DATED (SEE ITEM 11) 22-Nov-2004			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The solicitation is amended as follows: 1. To incorporate and reissue revised drawings; 2. To incorporate and reissue revised specifications; 3. To incorporate contractor(s) submitted questions and provide answers to such, herein. The bid opening date remains unchanged.  NOTE: OFFERORS MUST ACKNOWLEDGE RECEIPT OF THIS AMENDMENT BY THE DATE SPECIFIED IN THE SOLICITATION (OR AS AMENDED) BY ONE OF THE FOLLOWING METHODS: IN THE SPACE PROVIDED ON THE SF1442, BY SEPARATE LETTER, OR BY TELEGRAM, OR BY SIGNING BLOCK 15 BELOW. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304).  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  16-Dec-2004	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0004

**AMENDMENT 0004 TO DRAWINGS AND SPECIFICATIONS FOR FY 05 Military Entrance Processing Station (MEPS), Niagara Falls Air Reserve Station – W912DS-05-B-0002**

**TO BIDDERS**

The following changes shall be made to the drawings and specifications.

**DRAWINGS**

1. The following DRAWINGS have been **REVISED** but not **REISSUED**:

a. A-601, Door Schedule; **REVISE** the hardware for the doors indicated below:

<u>Door number</u>	<u>Delete Hardware Set</u>	<u>&amp; Provide Following</u>
133	HW-9	HW-4
134	HW-9	HW-4
135	HW-9	HW-4
137	HW-9	HW-4
140	HW-9	HW-4

b. A-601, Door Schedule; **ADD** “(at all exterior glazing)” after the ‘G4’ note in the Glass types section.

c. A-604, Window and Louver Details; In window detail ‘E’, **REPLACE** the four ‘G2’ notations with ‘G4’.

E-01, Symbols, Abbreviations and Electrical Site Plan; In the communication note **REPLACE** “fo cables be fusion spliced. UG shall be installed through bored trenches” with “fiber optic cables shall be fusion spliced. UG shall be installed through bored or excavated trenches.”

2. The following DRAWINGS have been **REVISED** and **REISSUED**:

a. M-701, AHU 1,2,3 Control Schematic (inadvertently left off amendment #3)

## **SPECIFICATIONS**

1. The following SPECIFICATION SECTIONS have been **ADDED** and are provided in their entirety herein:

- a. 07600
- b. 09100

2. The following SPECIFICATIONS SECTIONS have been **REVISED AND REISSUED** in their entirety:

- a.) 08120

The following SPECIFICATIONS have been **REVISED** but not **REISSUED**:

a. **Section 08710**, Doors Hardware; Paragraph 3.6, Hardware, subparagraph 3.6, Hardware Sets:

Subparagraph 3.6.3 - HW-3: **DELETE** "Push-Button Lockset (proximity)" and **REPLACE** with "Entry proximity lockset tied to card reader function."

Subparagraph 3.6.4 - HW-4: **DELETE** "1 lockset tied to card reader function" and **REPLACE** with "1 Push button combination lockset."

b. **Section 00800**, SPECIAL CONTRACT REQUIREMENTS; 42. STORMWATER POLLUTION PREVENTION PLAN, NOTICE OF INTENT AND NOTICE OF TERMINATION, Paragraph c: Provided herein a partially completed copy of the NOI, inadvertently omitted from specification. Also, included with the NOI is information and evaluations explaining erosion control plan development for this project this additional information is located on the contract CD under references.

c. **Section 00800**, COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK, Paragraph 1: REPLACE paragraph f as it appears with the following: "Hours of Work: Unless otherwise specified, the Contractor will be permitted to perform the contract work between the hours of 7:45 am and 4:30 pm, Monday through Friday. Federal Holidays that fall within the workweek will not be considered as workdays. Prior to performing any work during hours other than those specified, the Contractor shall submit an overtime request to the Contracting Officer for review and approval. Overtime requests shall be submitted no less than two full workdays prior to the time the Contractor desires to perform the overtime work."

d. **Section 00800**, COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK, Following Paragraph 1.h, ADD the following:

"i. The Construction Limits, as defined herein, are located within Niagara Falls JARS property limits. Daily construction work site clean up shall be accomplished by the Contractor. This clean up shall include the placing of construction material and equipment in a neat and orderly arrangement. Rubbish, debris, rubble and garbage shall not be permitted to accumulate. If the Contractor has any dumpsters in the construction limits, they shall be clearly marked with a sign "for private use only, not for use of base personnel." Dumpsters shall be

emptied when contents mounds to height of sides. At the end of the workday, the Contractor shall inspect the site to ensure that all paper, cardboard and similar materials are removed to provide a litter free appearance. Upon completion of all work outlined in the contract drawings and specifications, the Contractor shall remove from the confines of the Base, his construction materials and his equipment. The Construction limits, office and storage trailer locations must be kept clean and in an orderly manner at all times. Storage of materials/debris under the trailers is prohibited. Failure to do so will result in the Government with holding of additional retainage until the construction area is cleaned.

j. Cleanliness: The Contractor shall protect Government property and furnishings that may be in or adjacent to the work area with appropriate clean drop cloths, barricades, dust-stops, or other provisions as determined by, or approved by, the Contracting Officer Representative prior to starting work. The Contractor shall remove all debris, tools, materials and equipment and other items when work is completed in each particular area.

k. Daily Clean Up: Daily construction site clean up shall be accomplished by the Contractor. This clean up shall include the placing of construction material and equipment in a neat and orderly arrangement on the site. Equipment and materials must not block access to existing facilities. The Contractor shall inspect the site and area on a daily basis to ensure that all rubbish, debris, rubble, garbage paper, cardboard, demolition products and similar materials removed to provide a litter-free appearance. On-Base access routes utilized by construction equipment and/or delivery vehicles shall be maintained free from clay or mud balls, clods and mud. During the growing season (April through October), all grass areas in the Contractor's construction area or within ten feet of Contractor construction areas or within ten feet of buildings or portions of buildings under construction shall be mowed and trimmed to maintain neat grassy areas of reasonable length, by the Contractor. Grass height shall never be allowed to exceed six (6) inches.

l. Construction equipment may not be stored at work sites long term. If equipment is not used for a period of 30 calendar days, the equipment must be removed from site. The Contracting Officer Representative must approve exceptions to this condition, such as equipment required at a later date.

m. Parking on the grass is not permitted. The Contractor will not be allowed to drive on grass with his vehicles to gain access to the work sites, unless the grass area is within the construction limits. The Contractor and their personnel must park their vehicles within the construction limits or as otherwise designated by the Contracting Officer.

n. Phasing of Work: Work to be accomplished in occupied building, or that will interrupt utilities, must be coordinated with the Contracting Officer Representative.

o. **Daily Work Schedules:** In order to closely coordinate work under this contract, the Contractor shall prepare for and attend a weekly coordinating meeting with the Contracting Officer Representative and using service, at which time the Contractor shall submit for coordination and approval, his proposed daily work schedule for the next two week period. Required temporary utility services, time and duration of interruptions, and protection of adjoining areas shall be included with the Contractor's proposed two-week work schedule. At this meeting, the Contractor shall also submit his schedule of proposed dates and times of all preparatory inspections to be performed during the next two weeks. The items of work listed on the proposed two-week schedule are to be keyed to the Network Analysis Schedule (NAS) by activity number and description for each activity anticipated to be performed during the next two-week period. Coordination action by the Contracting Officer Representative relative to these schedules will be accomplished during these weekly meetings.

p. **Fire Protection: Welding, Burning and Cutting Operations:** Welding Operation: All welding and burning operations shall be accomplished in strict compliance with the requirements outlined in the National Fire Protection Association Standard, and the Department of the Army Corps of Engineers General Safety requirements Manual EM 385-1-1. Prior to starting welding, cutting, brazing, burning and/or any other flame or spark producing operations, the Contractor or Subcontractor performing the work shall obtain a burning permit for the Base Fire Department. This permit, USAF Welding, Cutting and Brazing (AF Form 592), is the only acceptable authorization for performance of this type of work. The request for this permit can be accomplished by contacting the Niagara Falls JARS Fire Department at. A Fire Department representative will respond to the work site, evaluate the site conditions and issue the required permit as required. Under normal conditions, the Fire Department representative will respond to the work site within one hour after receiving the request for the permit for that day. A copy of each permit shall be retained at the project site until work for which the permit was issued is completed. The Contractor or Subcontractor shall provide required equipment, materials, shield, extinguishers, sand and other devices at each location where work of the type requiring a permit is conducted.

q. **Environmental Protection:** The Contractor shall provide and maintain environmental protection during the life of the contract as defined herein. Environmental protection shall be provided to correct conditions that might endanger the environment during normal construction operations.

1. **Vegetation and Mulch:** Temporary protection shall be provided on side and back slopes when rough grading is complete or when sufficient soil is exposed to require protection to prevent erosion. Protection shall be afforded by accelerated growth of permanent vegetation, temporary vegetation, mulching or netting. Slopes too steep for stabilization by other means shall be stabilized by hydro seeding, mulch anchored in place, covering the anchored netting, sodding, or such

combination of these and other methods as may be necessary for effective erosion control.

2. Disposal of Solid Waste: The Contractor shall transport waste off Government property, and disposal shall be in a manner that complies with Federal, State and Local requirements. The Contractor shall provide the Contracting Officer Representative with a copy of the State and/or Local permit or license, which reflects such agencies disposal authorization. The permit or license, and the location of the disposal area, shall be provided to the Contracting Officer Representative prior to transporting materials off Government property.

3. Prosecution of work within Wetland Areas: The Contractor will not be allowed to work within the Wetlands nor its buffer zones. Construction of the new utilities that are located within the wetland areas or connection to existing utilities within the wetland areas, will only be allowed once the appropriate New York State Agency(s) has approved the Air Force's permit application.

r. Temporary Construction: Upon completion and acceptance of the construction, the Contractor shall remove all signs of temporary construction facilities such as work areas, structures, foundations of temporary structures, stockpiles of excess or waste materials, debris and other vestiges of construction. All areas shall be restored to pre-contract construction conditions, including grading, sodding and other restorations.

s. Landscape Protection: Provide protection for all existing landscape features such as trees, shrubs, bushes, plantings and sod in and around the area of construction. No existing tree, shrubs, bushes or other items shall be affected in any way, by Contractor actions, unless required by specifications. Prior to any demolition or construction in proximity to any existing landscape feature, the feature shall be protected by fencing, barricades, temporary removal and/or other approved devices. When construction requires that heavy machinery work in close proximity to existing mature trees, the trees shall be protected. All damaged items shall be replaced at no additional cost to the Government in kind with new, by the Contractor.

t. Trenching and Excavation: Excavation and related work shall be completed in scheduled phase between blocks or manholes for installations requiring testing. Work shall be barricaded in accordance with Corps of Engineer Manual EM 385-1-1. For excavations in which testing is not required, the trenches shall be backfilled at the end of the day except for the last 15 feet. Backfilling must be accompanied daily; established structures and plantings must be avoided; excavation shall not begin until material and equipment for the specified portion of the job is available on the site. Trenches or excavations which cut roads, parking lots, driveways and delivery routes shall be fully coordinated between the Contractor, and the Contracting Office Representative a minimum of five (5) days prior to excavation. The Contractor shall provide non-skid surface, steel road

plates until the vehicle routes are permanently repaired. Excavations and the repair that will traverse completely across vehicle routes shall be scheduled in stages that allow crossing of vehicles until road plates and/or permanent repairs are in place.

u. Barricades are required in accordance with the referenced safety regulations. Each job site will be clearly identified by signs, and protected by barriers suitably marked by reflective materials, and illumination for easy sighting after dark.

v. Dumpsters: Equip dumpsters with a secure cover. The cover shall be closed at all times, except when being loaded with trash and debris. Locate dumpster(s) behind the construction fence or out of the public view. Empty site dumpsters at least once a week, or as needed to keep the site free of debris and trash. If necessary, provide 208-liter (55-gallon) trash containers to collect debris in the construction site area. Locate the trash containers behind the construction fence or out of public view. Large demolition normally requires a large dumpster without lids-these are acceptable but should not have debris higher than the sides before emptying.

w. Temporary Sanitation Facilities: All temporary sewer and sanitation facilities shall be self-contained units with both urinals and stool capabilities. Ventilate the units to control odors and fumes and empty and clean them at least once a week or more often if required by the contracting officer. The doors shall be self-closing. Locate the facility behind the construction fence or out of the public view.

x. Construction and Safety Fence: The contractor shall enclose the project work area, contractor parking, and contractor lay-down area with a snow type construction fence. The contractor shall provide and install all necessary gates in the fence. Remove the fence upon completion and acceptance of the work. The intent is to block the construction from public view. The purpose of the fence is to protect the public from construction activities. In addition, safety fences shall be used to enclose those areas not within the construction fence. The safety fence will match the base standard [Confirm with BCE and state the color] [and/or bright orange where it protects excavated areas], high density polyethylene grid or approved equal, a minimum of 1.1 m (42 inches) high, supported and tightly secured to steel posts located on a minimum 3 m (10 foot) centers. The contractor must remove the fence from the work site upon completion of the contract.

y. Pass and Identification:

1. Employee and Vehicle Passes

The Contractor shall obtain the necessary passes and/or identification for entry into Niagara Falls JARS for themselves and all employees prior to commencement of work. The Government reserves the right to refuse to issue a pass to any and all employees of the Contractor for any reason deemed valid by the Government and

in doing so shall not be subject to the equitable adjustment or contract disputes act. The Government will issue passes depending on the type of work to be completed and the length of the contract. The Contractor shall be responsible for obtaining additional passes upon the expiration of each pass issued. Obtaining a vehicle pass does not guarantee that vehicles covered by the pass will not be inspected. Vehicle inspections are at the discretion of the Government.

## 2. Access Procedures

The Contractor shall provide Contracting Officer or his representative an Entry Authorization List of individuals requiring access to Niagara Falls JARS. The Entry Authorization List, on Contractor's Letterhead and for each individual requiring access, shall include: Contractor's Name, name of individual, address, social security number and driver's license number (number and state of issue). The Contractor shall allow two working days for the Installation to process passes for individuals. The Government reserves the right to deny access to any questionable individuals. Revisions to the Entry Authorization List shall be provided to the Contracting Officer as names of individuals are added or deleted from the list. Registered individuals with valid driver's license and picture identification will be permitted to Check-in at the gate. The only type of motor vehicles that are allowed through the gate is a small vehicle (motor cycles, cars, vans, and pickup trucks). Vehicles and attendees are subject to search at the discretion of the Government.

## 3. Heightened Alert Conditions

Conditions caused by Force Majeure (acts of war, terrorism, nature, etc.) shall be addressed via contract time extension at no cost only. The Contractor shall anticipate that in the event of heightened alert, access to Niagara Falls JARS may be denied for approximately three to five days. The Contractor shall also anticipate that during periods of heightened alert, time required to access Niagara Falls JARS may increase threefold for a period of seven days."

e. Section 088520N, Aluminum Windows; ADD subparagraph 1.7, which follows:

### "1.7 Antiterrorism Requirements.

1.71. Aluminum framing members shall be designed base on a 0.2% offset yield strength equivalent static design loads per windows shall be 7 kilopascals applied to the surface of the glazing and frames. Deformation shall not exceed 1/60 of the unsupported member lengths.

1.72. Glazing frame bite. The glazing shall have a minimum frame bite of 9.5mm for structurally glazed systems and 25mm for window systems that are not structurally glazed.

1.73. Connection Design. Equivalent static design loads for connections of the windows to the surrounding walls shall be 75 kilopascals for glazing panels less than 1 square meter and 30 kilopascals for glazed panels greater than 1 square meter, but less than 3 square meters. Loads shall be applied to the surface of the glazing and frame.



Connections and hardware shall be designed based upon a 0.2% offset yield strength for aluminum.”

f. Section 088020, Glazing. ADD subparagraph 2.1.6, which follows:

“2.1.6 Laminated Glass

ASTM C1172, Kind LA fabricated from two nominal 3.125mm thick pieces of type I class I, quality q3, flat annealed transparent glass conforming to ASTM C 1036 and in accordance with UFC 4-010-01. Flat glass shall be laminated together with a minimum of 0.75mm thick clear polyvinyl butyral interlayer. The total thickness shall be nominally 6.25mm. Provide at interior lite of insulated glass unit.”

g. Section 02703, HOT-MIX ASPHALT (HMA) FOR ROADS; Paragraph 2.1.4, DELETE Table 2 in its entirety and REPLACE it with the Following:

“Table 2. Aggregate Gradations

<u>Sieve Size</u>	<u>Wearing Course</u>	<u>Binder Course</u>
NYDOTSS	Type 8	Type 8

Note regarding Table 2: Wearing and Binder Course may be placed in one lift or section.”

**BIDDER’S QUESTIONS AND GOVERNMENT REPLY**

(Questions that may be of general interest of all bidders/Government and that are not readily answered by the proceeding changes will appear below. These questions may have been paraphrased or altered to represent several questions regarding the same subject and/or clarify and simplify the question(s). Questions and answers are issued to the Offerors/Bidders for information only.)

Question (Q): Are there any requirements for a temporary construction fence? Who is responsible for cutting/maintenance during construction? **Section 0800 has been amended in the above to address this question.**

Q: Are there any specifications for temporary construction facilities. **Section 0800 has been amended in the above to address this question.**

Q: Is there a specification for testing for Mechanical and electrical equipment?

**R: Specifications for testing of Electrical Systems are located within each specification. For example, field testing, ground resistance test, cable testing, etc are found in Part 3 of specification section 16415. These paragraphs further includes/references to industry standard (ANSI, IEEE, NEMA, etc) in conducting these testing.**

Q: Drawing E-10, Electrical Key Notes.

**R: Elevation (Drawing grid location F-9) is incorrect and should read 595.50.**

Q: Addenda #1- Bid Form, Item #0007 (Optional Bid Item #4); Is the intent that under the Base Bid the entire site gets seed only and under this option landscaping/plantings, sod, and irrigation system would be added? **R: Yes.**

Q: Section 06410, Laminate Clad Architectural Casework, Paragraph 2.1.1.1, Standing and Running Trim; Please specify if red or white oak will be required. There is a significant price difference. Drawings only call out oak. **R: Either type of oak is acceptable.**

Q: Under amendment #3 it states that drawing M-701 has been revised and reissued, but the drawing does not appear in the plans that were issued under amendment 3. Is M-701 revised? If so, what is the revision? **R: Drawing, M-701 has been revised and was inadvertently left off amendment #3. The revised drawing is issued with amendment #4.**

Q: Is there a specification for testing for Mechanical and Electrical Systems? **The specification contain numerous requirement for testing and commissioning; e.g. 15995A, Commissioning of HVAC Systems.**

Q: On addenda #1 – Bid Form – Item #0007 (optional bid item #4) is the intent that under the base bid the entire site gets seed only and under this option landscaping/plantings, sod, and the irrigation system would be added? **R: Yes.**

Q: In spec section 06410 – Laminate Clad Architectural Casework – Paragraph 2.1.1.1 – Standing and Running Trim, please specify if red or white oak will be required – there is a significant price difference. Drawings only call out 'oak'. **R: Red Oak will be required.**

#### Drawing E-01-Electrical Site Plan Key Notes

Q: In the communication notes it says "UG ducts shall be installed through bored trenches". Is all underground electrical to be installed in bored trenches? Please provide bored trench detail. **R: No. The communication note calling for bored trenches has been revised per this amendment to read, "bored or excavated trenches"; thus allowing the contractor the choice.**

Q: Regarding item 7a; are the existing ducts/conduit to be removed or abandoned in place? If removal is required are the conduits concrete encased? **R: Per communication instructions above item #7, "..... Replaced cable shall be removed". Except for the underground ducts within the footprint of the building, all the other existing UG comm. line ducts are direct buried (D/B). None of the existing UG comm. lines are concrete encased.**

Q: Regarding item 7b; is the new 6 way duct bank to be concrete encased? **R: No**

Q: Regarding item 7b; Is MH2 existing? **R: No. Only MHs 1, 3 and the comm. vault are existing as indicated by arrowed "(EXIST)" adjacent to the label.**

Q: Regarding items 8b and c; are conduits to be concrete encased? **R: No**

Q: Regarding item 9a; are replaced lines to be removed or abandoned? If removal is required are the lines direct burial or in conduit? Are they concrete encased? **R: Replaced lines are to be removed except for the underground ducts within the footprint of the building, all the other existing UG comm. lines are direct buried (D/B). and none of the lines are concrete encased.**

Q: Regarding Item 9a; how does the new cable get from the COMM vault to MH-1? **R: As indicated by the dashed line between the comm. vault and MH-1, and the verbiage '(EXIST) UG DUCTS', the 6-way UG duct extends from MH-3 to the comm. vault (via the new MH-2 and the existing MH-1).**

Q: Regarding Item 9a; are ducts installed in Items 7 and 8 to be utilized to get from MH-1 to Building 807 or is an additional duct required? **R: The reason why we're installing these UG ducts for the comm. lines is for the comm. lines that we'll be installing. Yes, the lines that were installed on items 7 and 8 will be used in running the comm. lines from the comm. vault to B-807 (Via MHs 1,2,3, 4 and the existing manholes north of B-807).**

Q: Regarding Item 9b; is the conduit to be installed in conduit or direct burial? Concrete encasement? **R: Conduit is direct burial. Per previous answer, no comm. lines will be concrete encased.**

Q: Regarding item 10; are replaced lines to be removed or abandoned? If removal is required are the lines direct burial or in conduit? Are they concrete encased? **R: Replaced lines are to be removed and they are not concrete encased.**

Q: Regarding Item 10; how does the new cable get from the COMM vault to MH-1? **R: As indicated by the dashed line between the comm. vault and MH-1, and the verbiage '(EXIST) UG DUCTS', the 6-way UG duct extends from MH-3 to the comm. vault (via the new MH-2 and the existing MH-1).**

Q: Regarding Item 10; are ducts installed in Items 7 and 8 to be utilized to get from MH-1 to Building 807 or is an additional duct required? **R: The reason why we're installing these UG ducts for the comm. lines is for the comm. lines that we'll be installing. Yes, the lines that were installed on items 7 and 8 will be used in running the comm. lines from the comm. vault to B-807 (Via MHs 1,2,3, 4 and the existing manholes north of B-807).**

Q: Regarding Item 11; is the intent that the existing conduit labeled as '11' on the drawing be used to get from the COMM vault to MH3 for the new 300 pair telephone cable and 12-strand SM FO cable? If so, why is it 'X'd' out? **R: Item labeled as '11' is to be replaced, that's why it's 'X'ed out as mentioned on inquiry. The reason this is 'X'ed out is that, new cables (300-pair and 12-strand FO) will be installed through the 6-way ducts from comm. vault to MH-3. When it gets to MH-3, it will be spliced with the other end of the existing 300-pair.**

Q: Regarding Item 11; is Building 204 the structure just west of MH3? **R: No, Building 204 is about 2500 ft (maybe more) west of MH-3.**

Q: Regarding Item 11; it appears a new duct bank is shown from MH3 to the structure just west of MH3 (B204)? Is this correct? **R: Per previous answer, structure just west of MH-3 is not B204. No, a new duct bank will not be installed from the structure indicated on question. Dashed arrow located next to MH-3 indicates that the existing direct buried 300-pair, be re-routed to MH-3 so it could be spliced with the new 300-pair from the comm. vault (now routed through the 6-way ducts).**

Q: Regarding Item 12; is concrete encasement required for the 4 – 4" UG ducts? **R: Per previous answer, no existing or new UG comm. lines will be concrete encased.**

Q: Regarding Item 12; are 4 – 4" UG conduits to be run from MH1 to the COMM vault for this item? Concrete encased? **R: As the project indicates, no new conduits will be installed between MH-1 and the Comm. vault. Therefore, the existing 6-way ducts from MH-1 to the Comm. vault will be used to run the new lines from MEPS.**

Q: Regarding Item 12; are any duct banks to be installed from the COMM vault to B-806? **R: Project does not indicate the installation of new duct banks from the Comm. vault to B-806.**

Q: Regarding Item 13; how does the new cable get from the COMM vault to MH-1? New duct bank? Concrete encased? **R: As indicated by the dashed line between the comm. vault and MH-1, and the verbiage '(EXIST) UG DUCTS', the 6-way UG duct extends from MH-3 to the comm. vault (via the**

new MH-2 and the existing MH-1), therefore no new duct bank is necessary or concrete encasement. The new cable will be routed through the existing UG ducts.

The following questions appeared in amendment #3, the bidders are advised to disregard the previous responses, in lieu of those provided herein:

Q: Are fire extinguishers to be included in the work? **R: R: Drawing, A-101, has been revised and reissued under amendment #2, to show locations of fire extinguishers (FE) and fire extinguisher cabinets (FEC).**

Q: Is the bottom of the footing for the site screens to be 2'-10" below grade per detail 5/A504? **R: Drawing A-504 has been reissued with amendment 3 with the depth of footing indicated in detail 5.**

(End of Summary of Changes)